

FIG. 1

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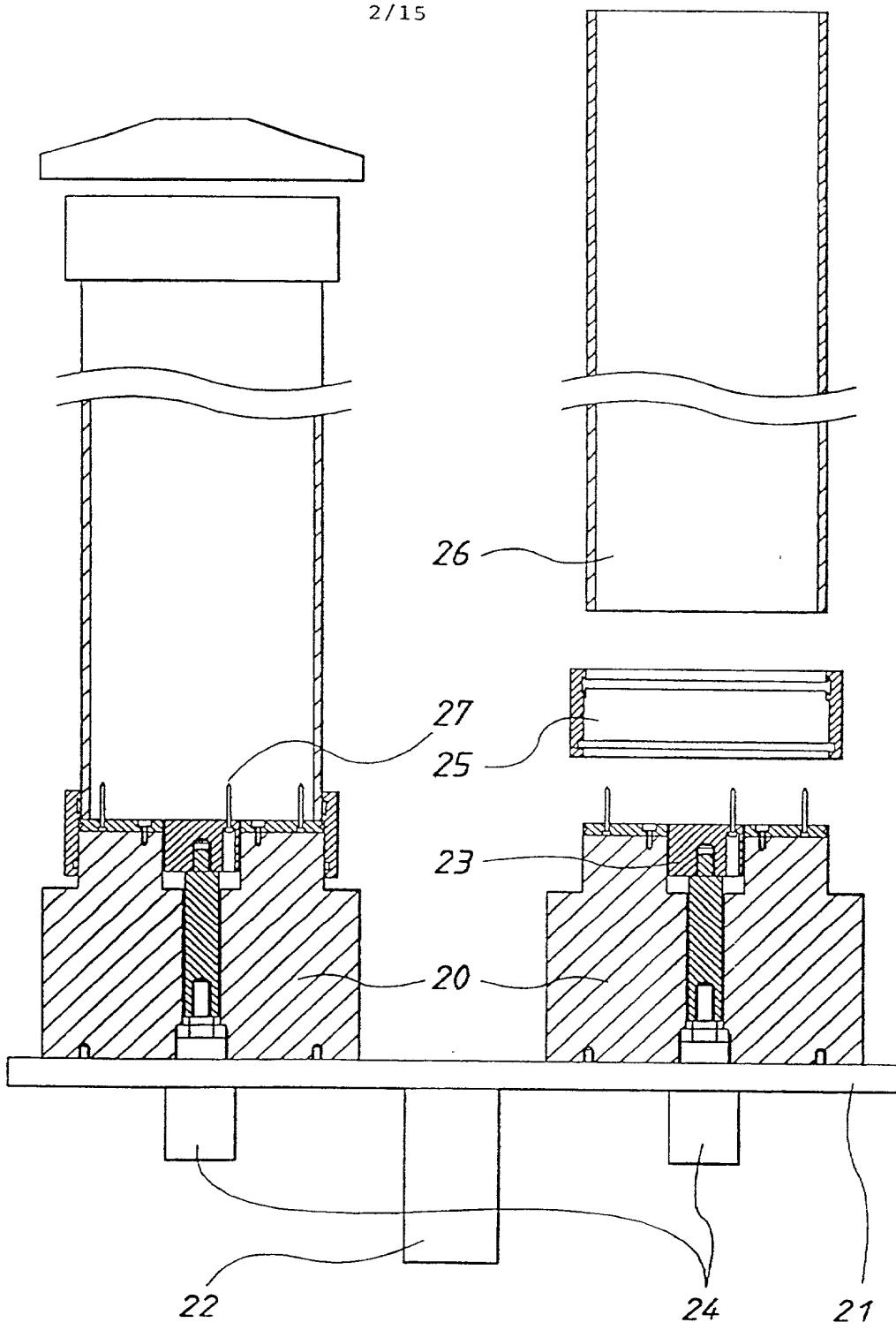


FIG.2

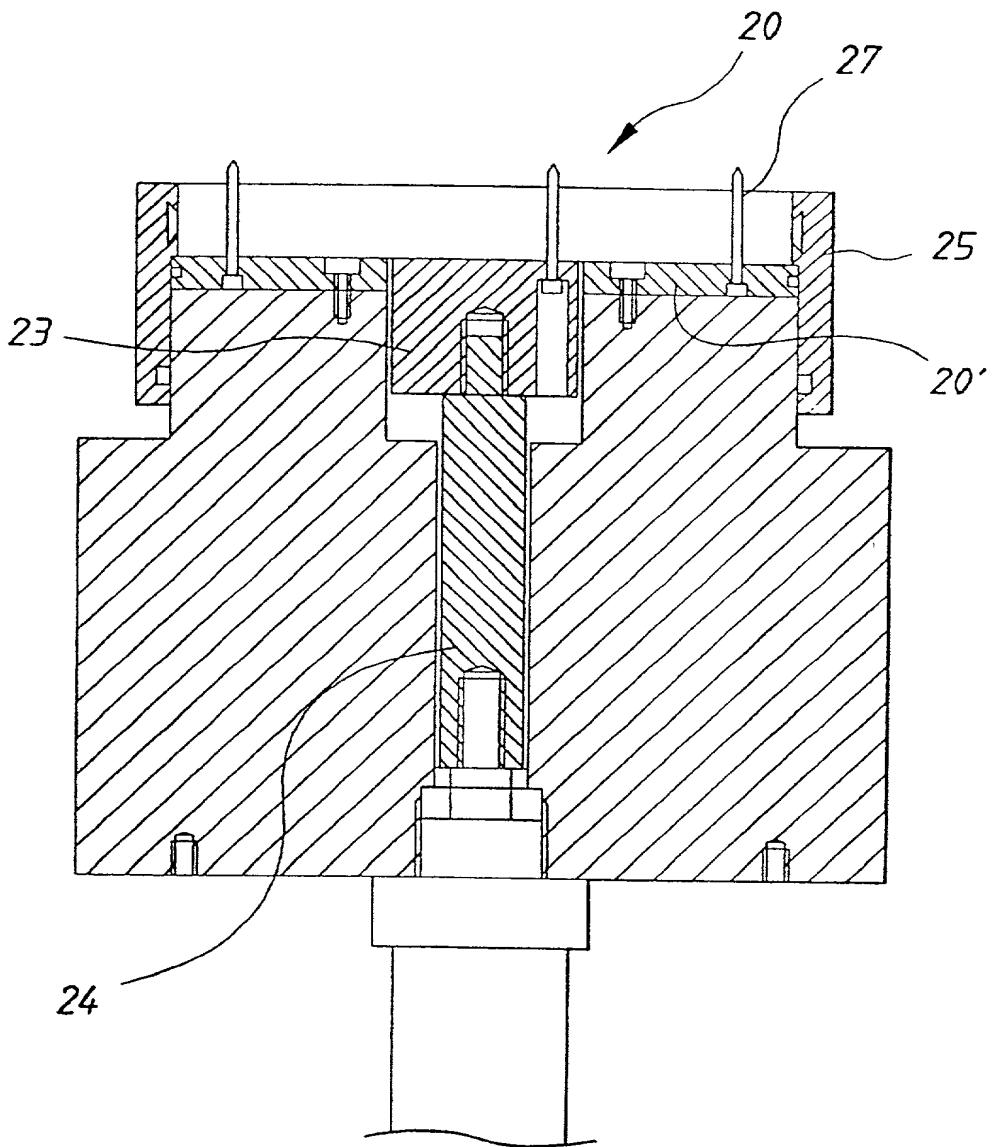


FIG.3

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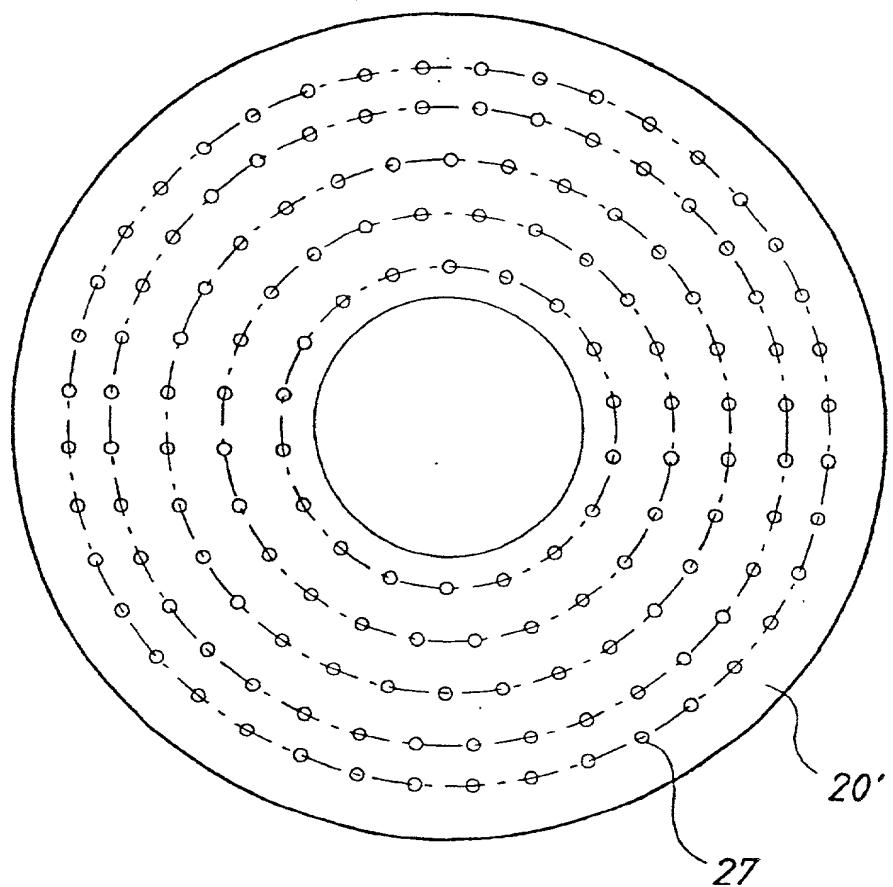


FIG.4A

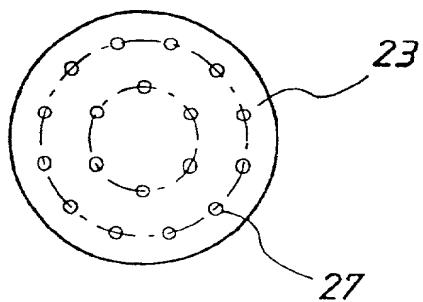


FIG.4B

AUTOMATED SUCTION PROCESS

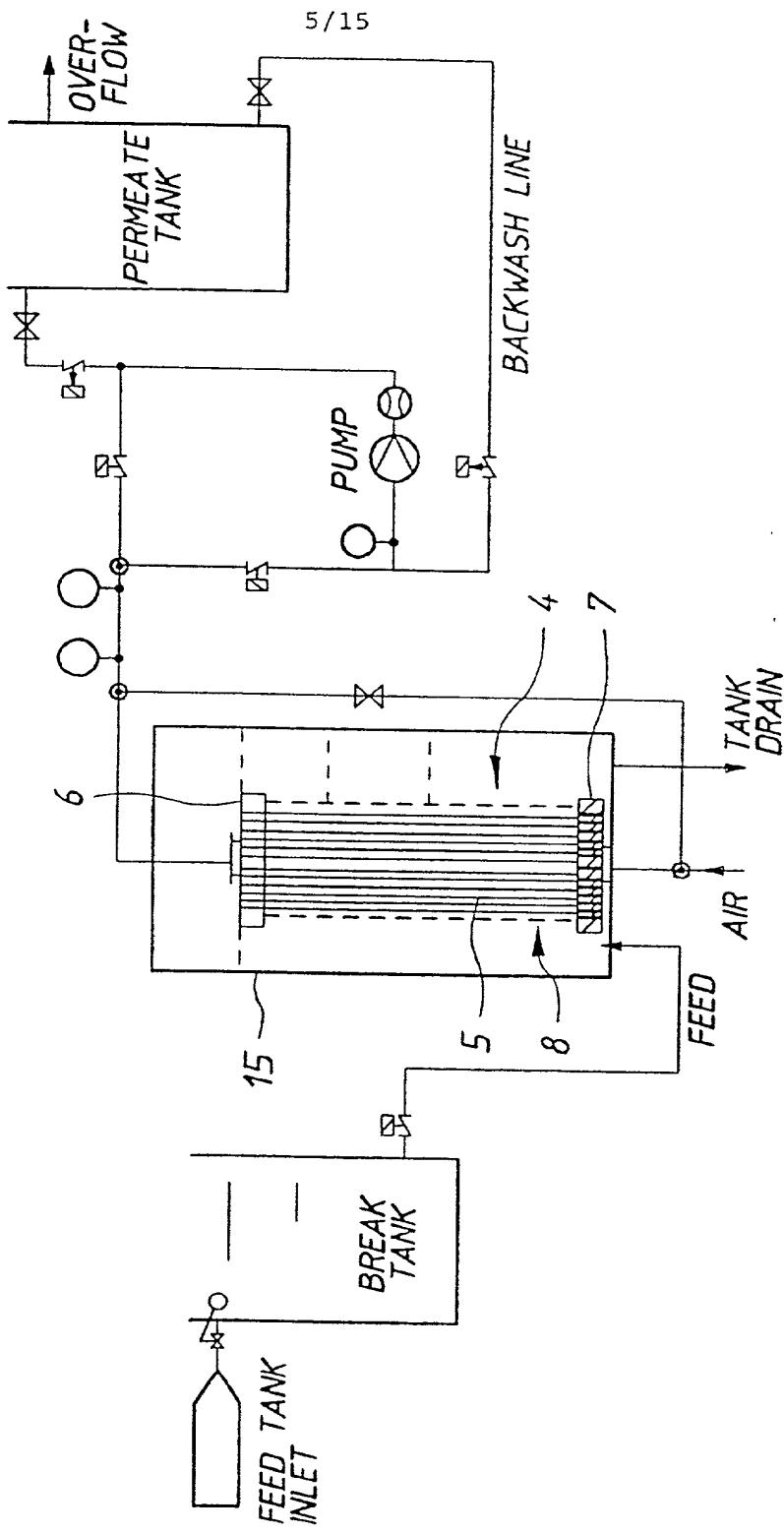


FIG.5

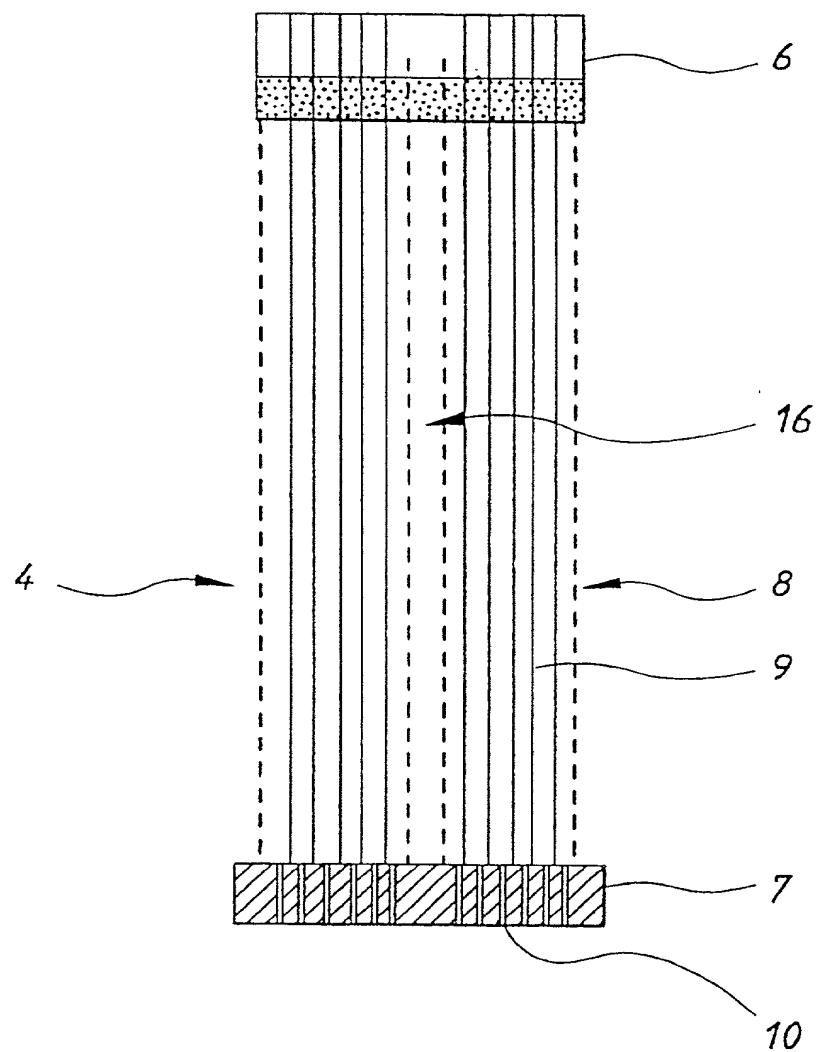


FIG. 6

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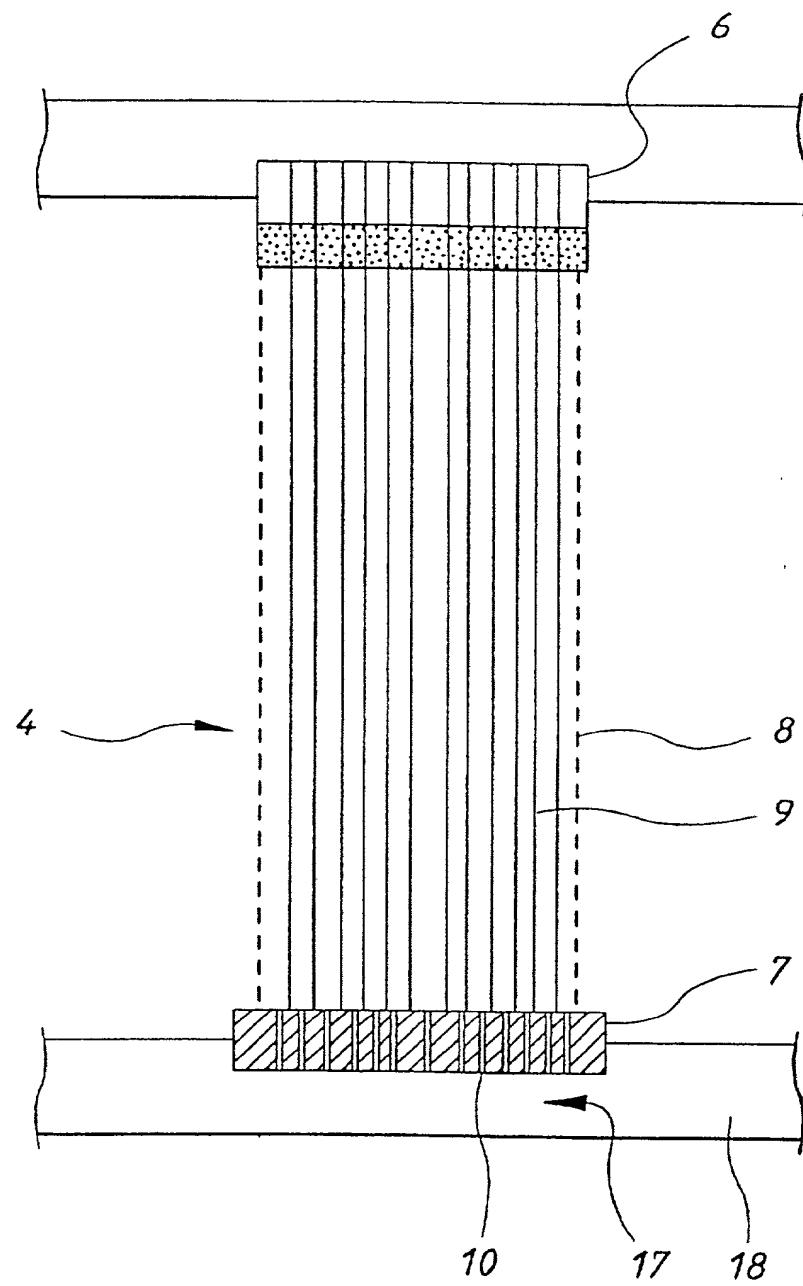


FIG.7

PERMEATE FLOW AND TMP CHANGE WITH TIME UNDER DIFFERENT OPERATIONS

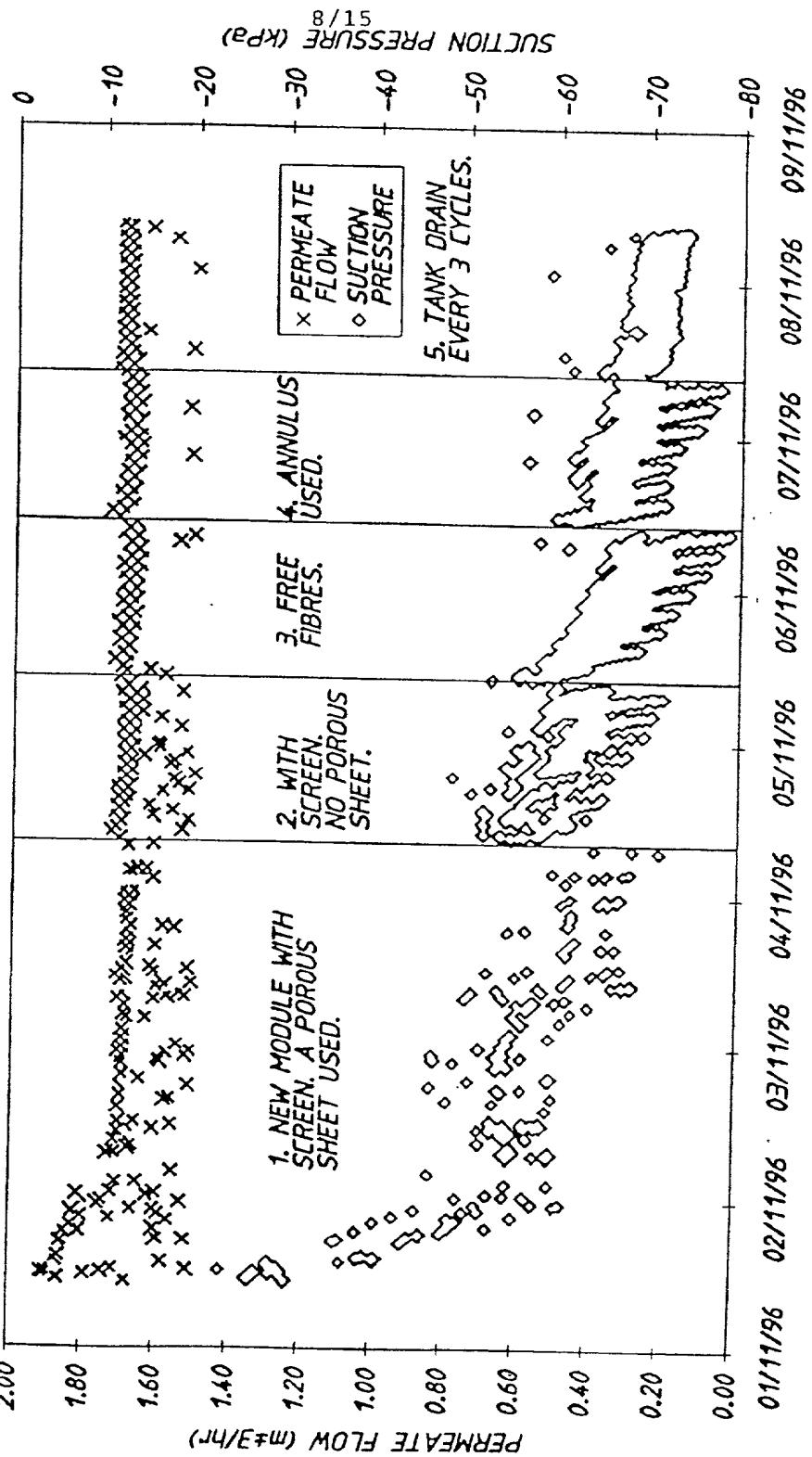


FIG. 8A

SUCTION RESISTANCE CHANGE WITH TIME UNDER DIFFERENT OPERATIONS

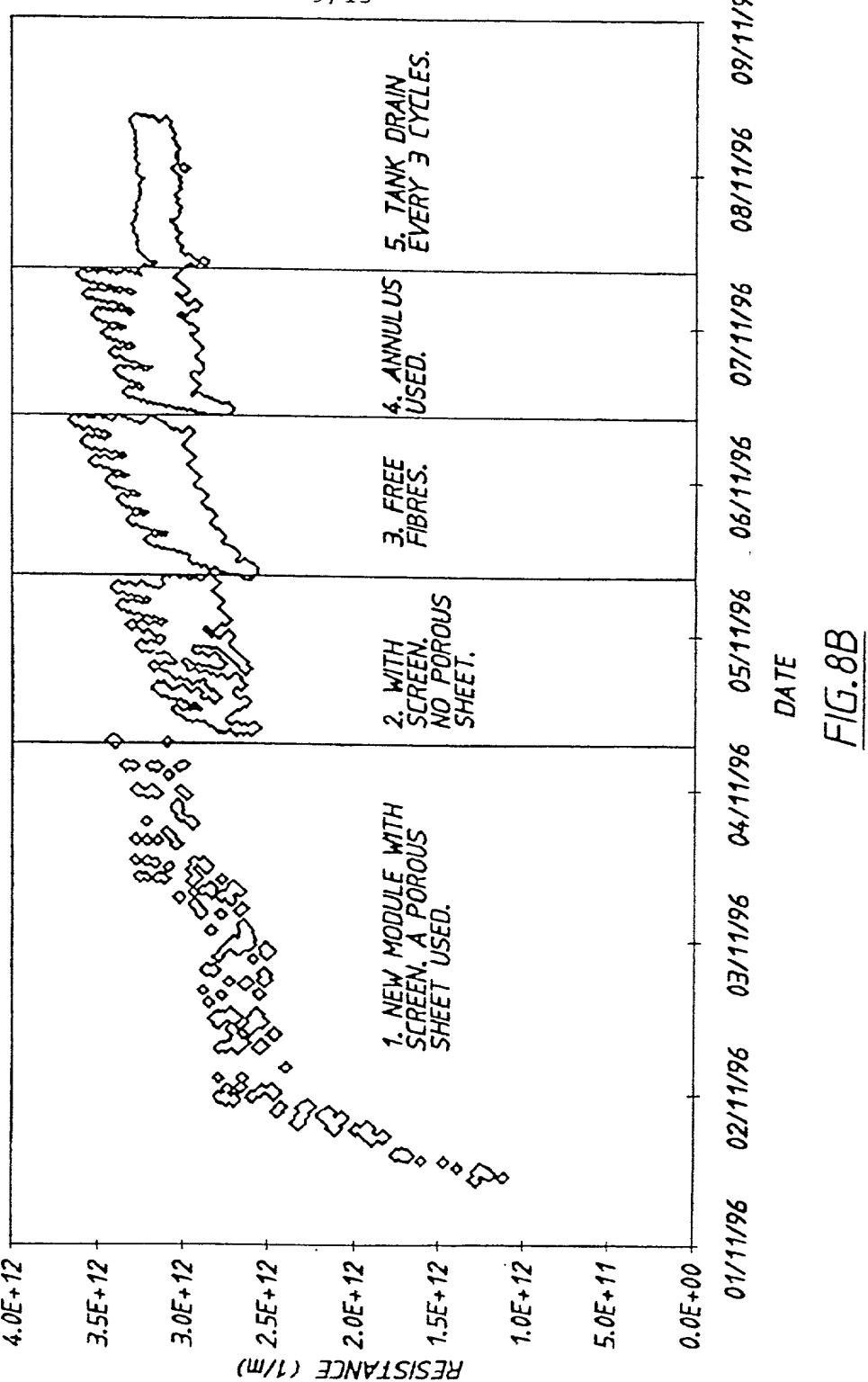
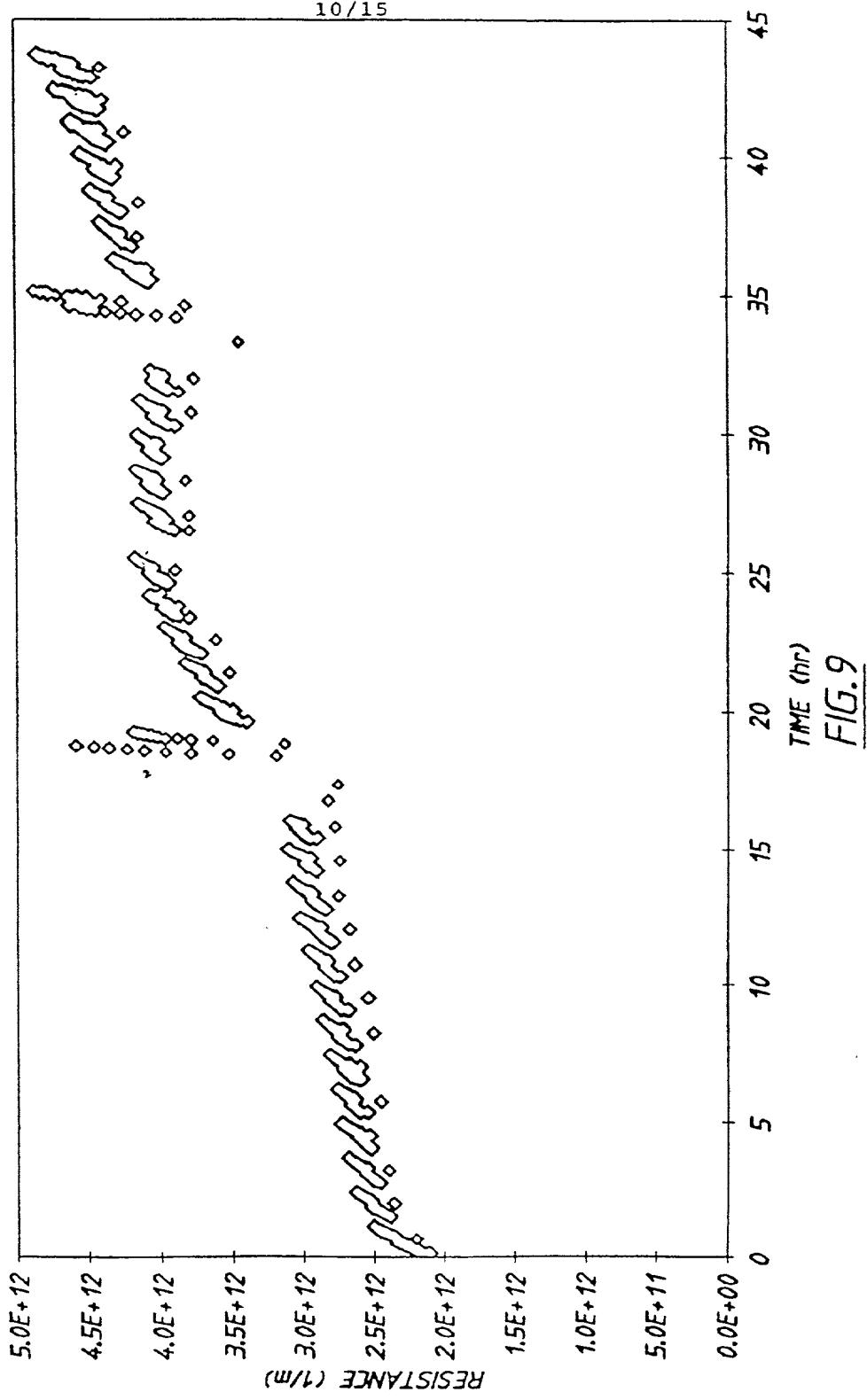


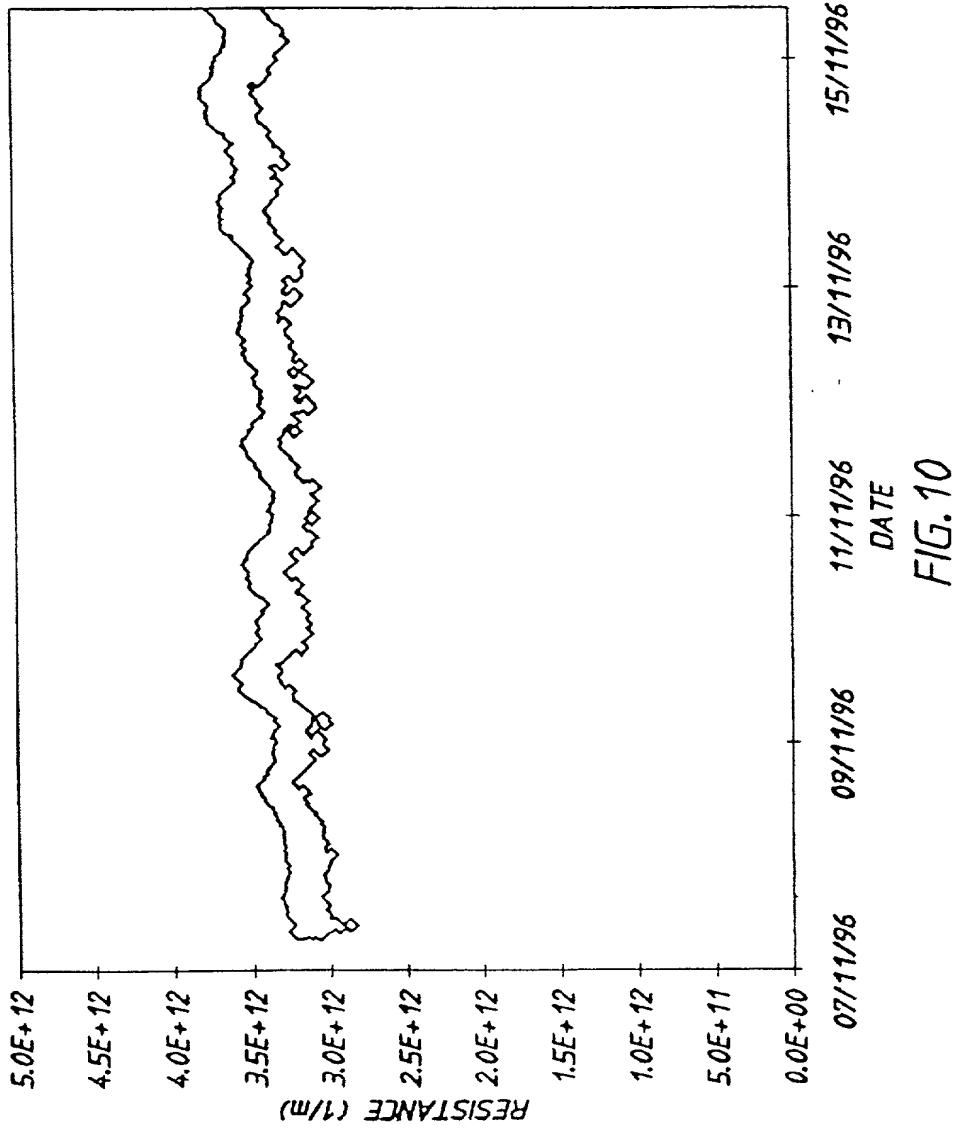
FIG. 8B

RESISTANCE CHANGE WITH TIME - SUCTION FOR 30 MINUTES AND DRAIN DOWN EVERY 2 CYCLES

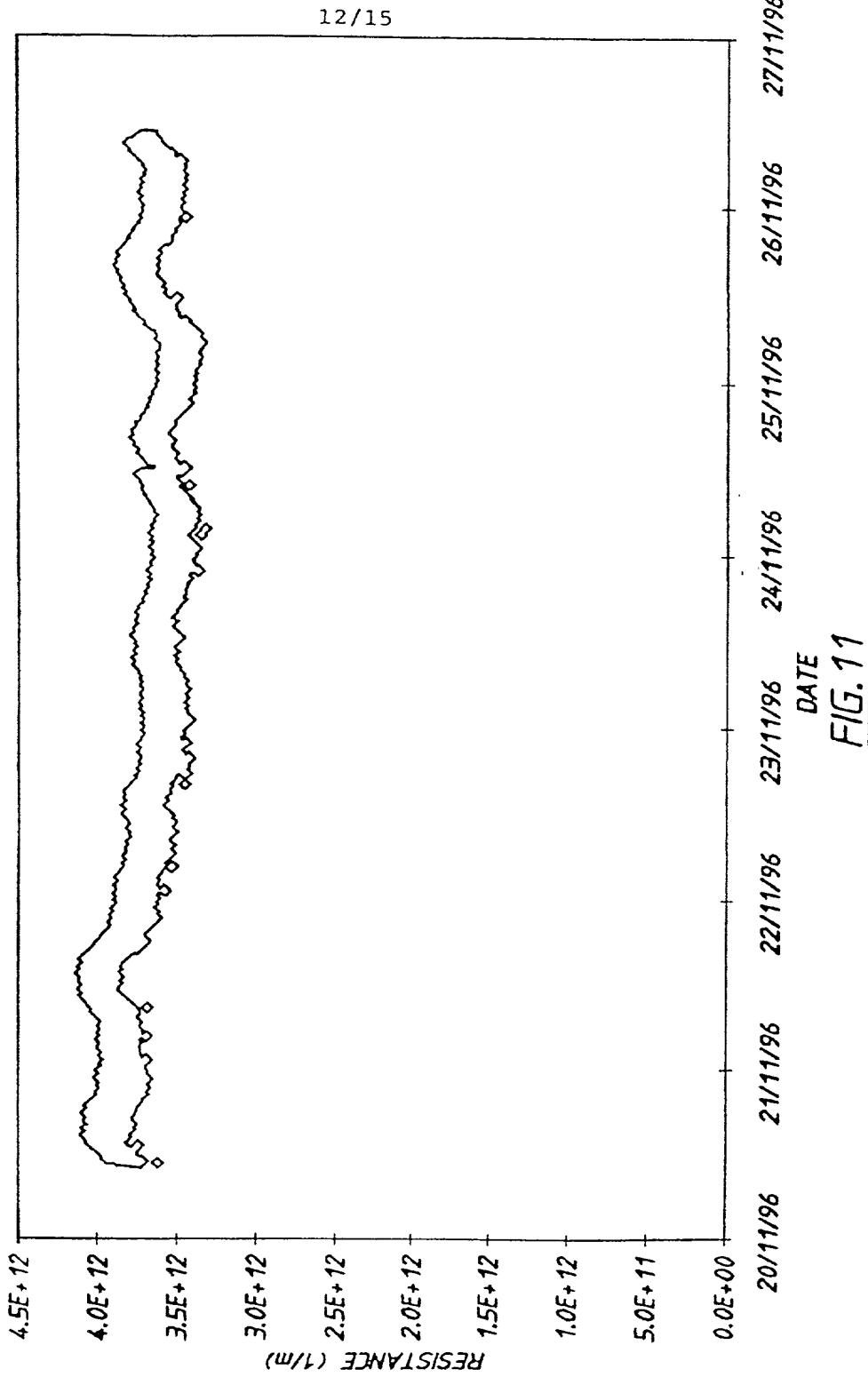


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RESISTANCE CHANGE WITH TIME WITHOUT POROUS SHEET

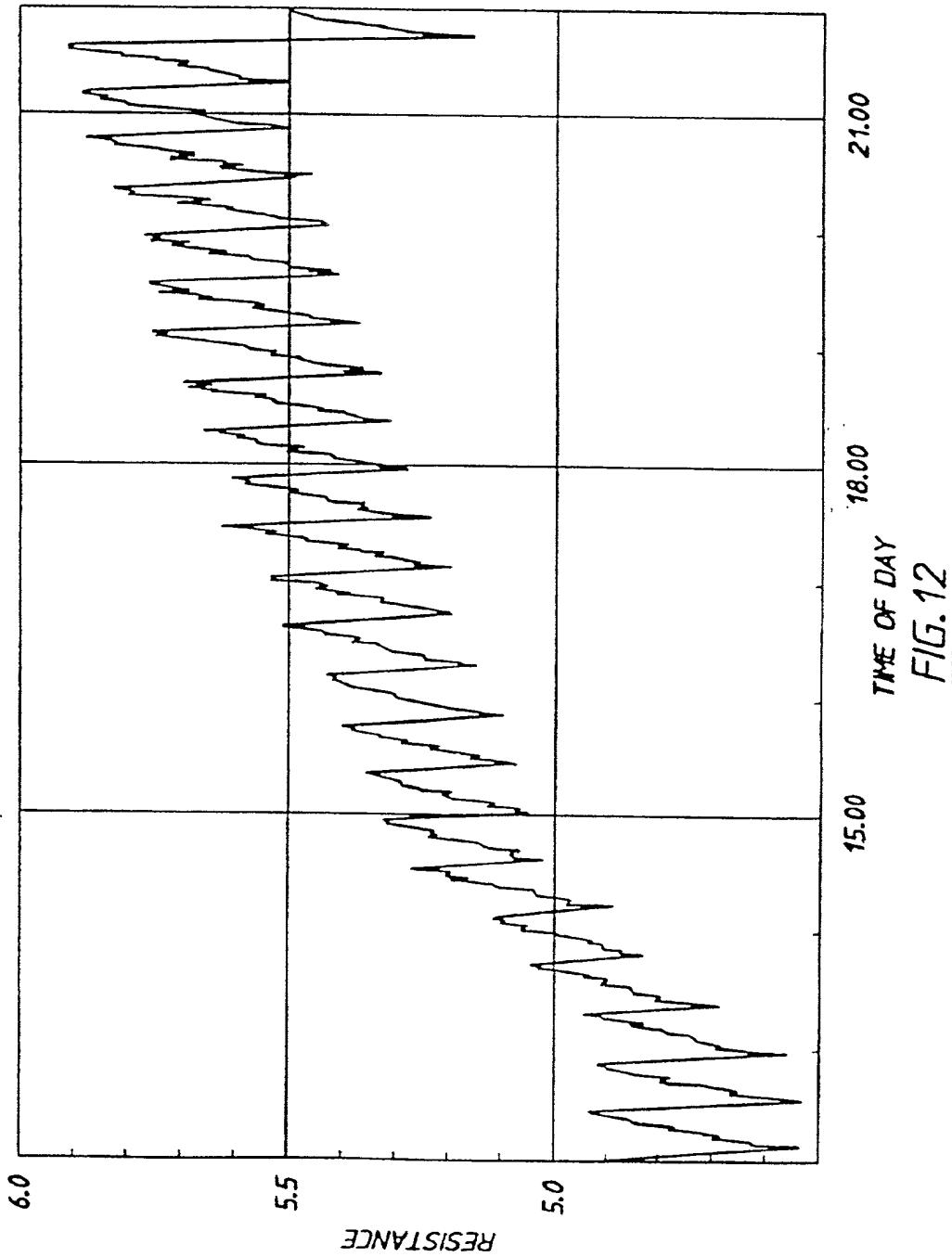


RESISTANCE CHANGE WITH TIME WITH POROUS SHEET



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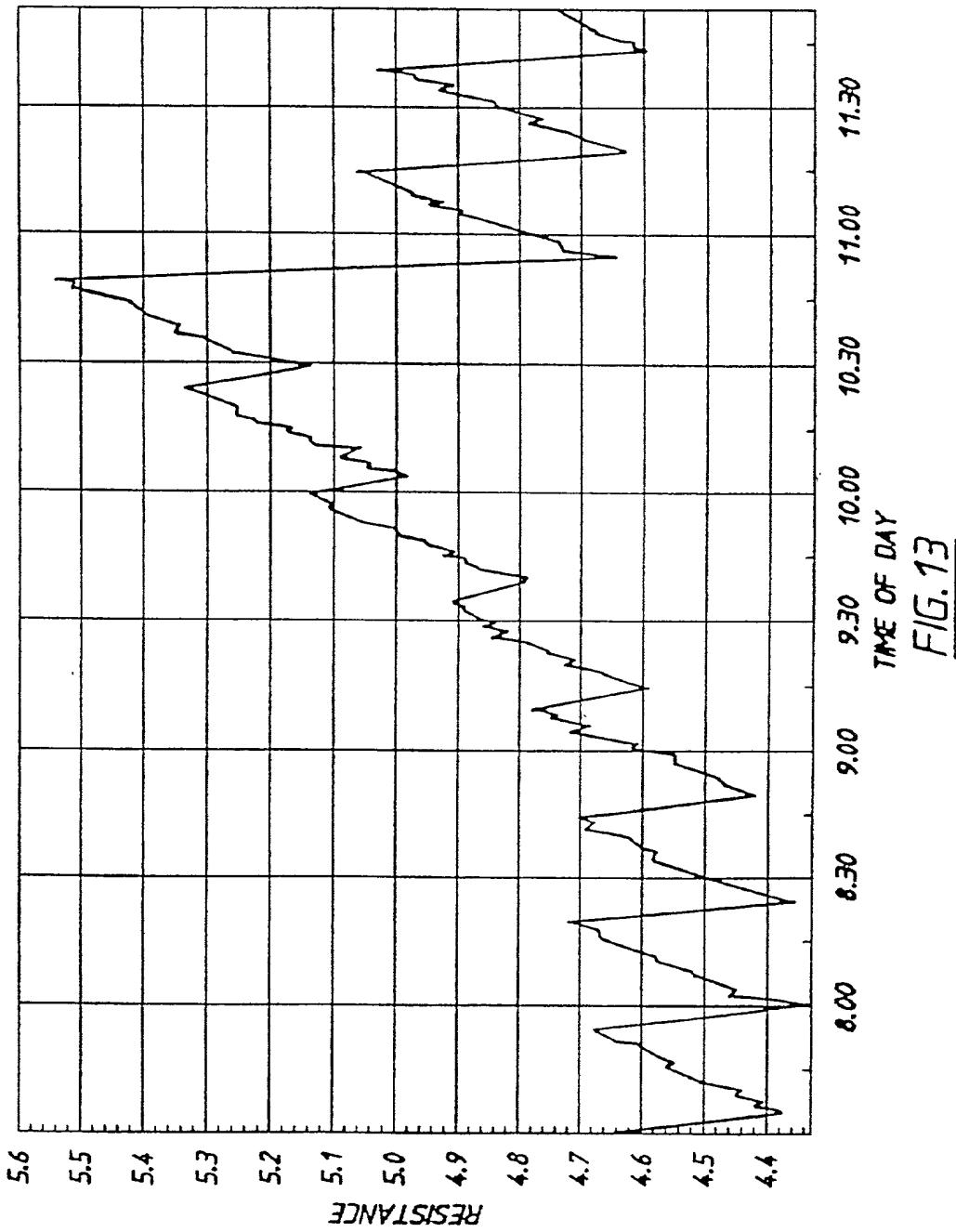


FIG. 13

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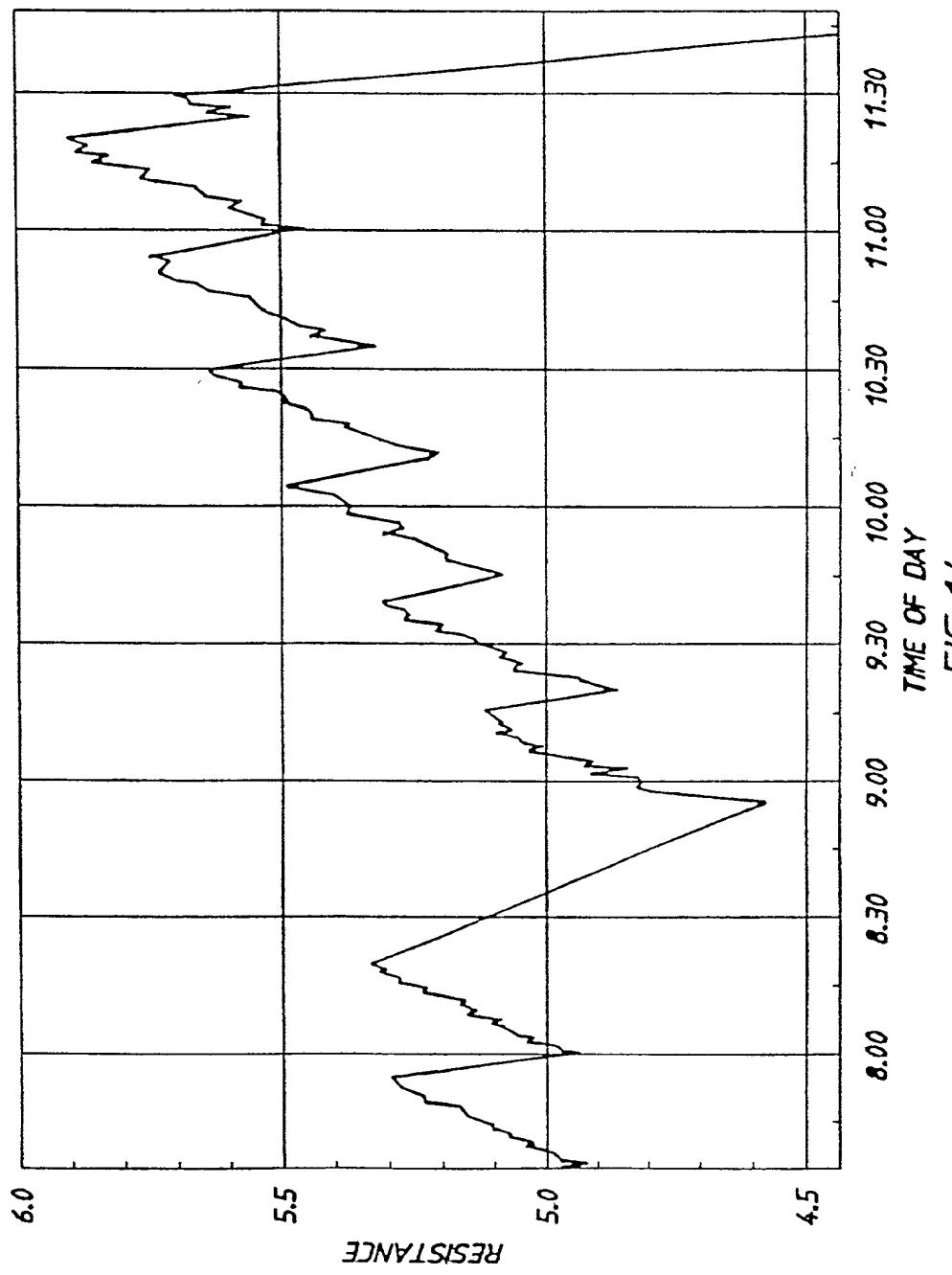


FIG. 14

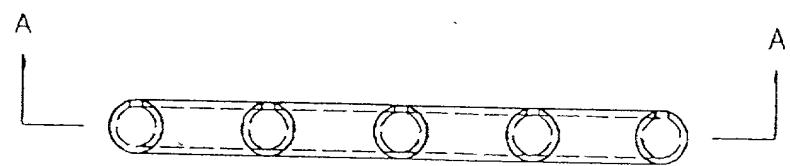


Figure 15a.

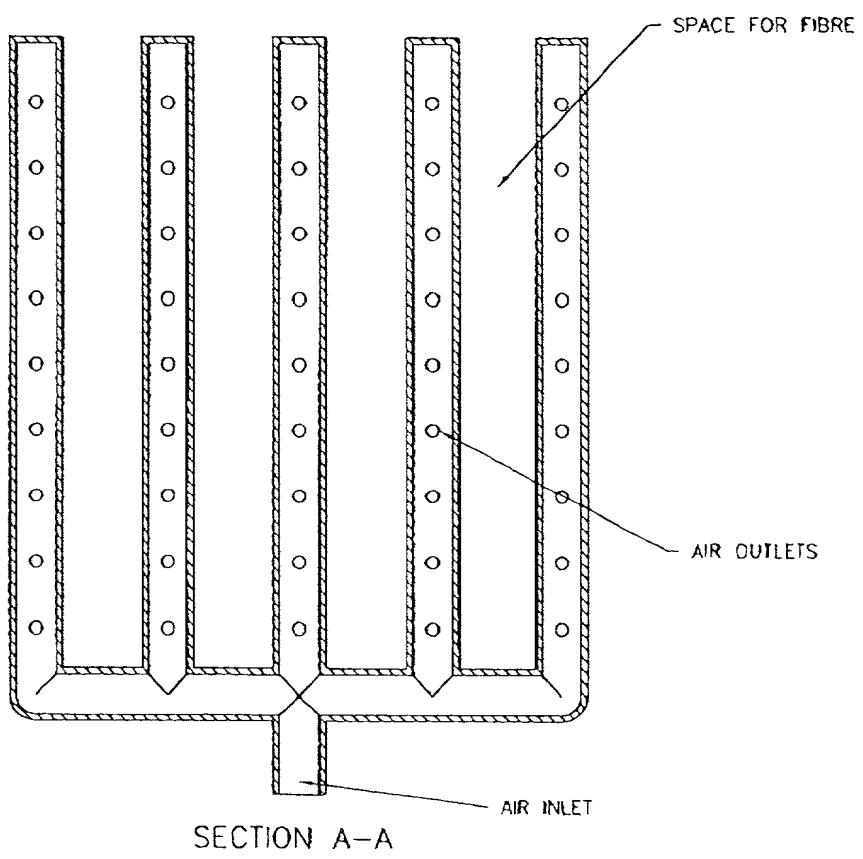


Figure 15b.

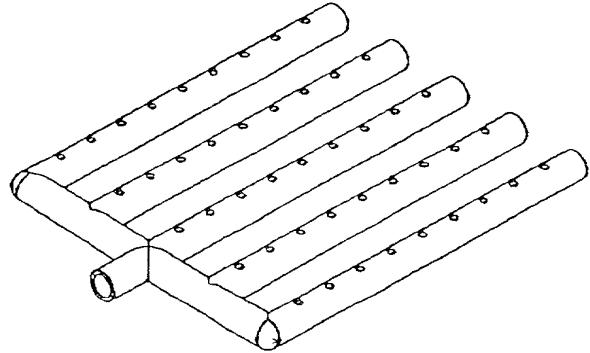


Figure 15c.